

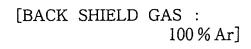
5mm

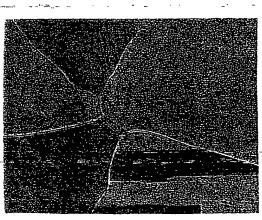


3mm

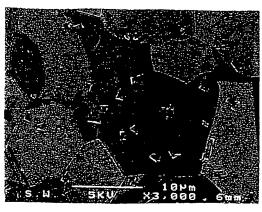


WELDED PART





3mm



5mm UPSTREAM

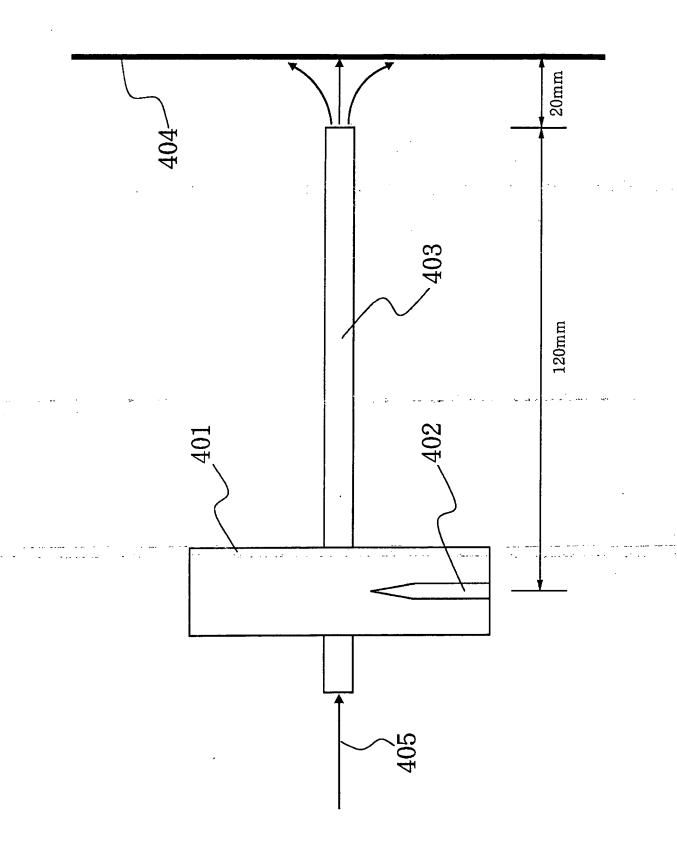
PARTICLE MEASUREMENTS AT WELDED PARTS

AT WELDING COMDITIONS (30rpm × 1rev. BEAD WIDTH 1mm) 9 WELDED SPOTS

FLOW RATE: $0.1cf \angle min~(U-N_2)$, PARTICLE MEASUREMENT: $0.1~\mu$ m OR LARGER

BASE METAL	STAINLES	INLESS STEEL TUBU SUBJECTED TO FLUGRIED PASSIVATION TREATMENT	IECTED TO FLUGRIE) PASSIVATION TRE	ATMENT	REGULAR STAINLESS STEEL
	NO WELDING	CONVENTIONAL WELDING METHOD	WELDING AFTER FILM REMOVAL WITH HOT WATER (80°C)	WELDING AFTER FILM REMOVAL WITH 0.5%HF/ 10%H ₂ O ₂	WELDING METHOD WITH 5% ADDED H,	CONVENTIONAL WELDING METHOD
NO HAMMERING (10min)	0	0	.0	0	* O	0
WITH HAMMERING (10min)	0	09	0	0	0	0

F i g. 4

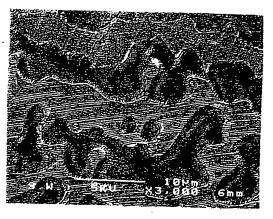




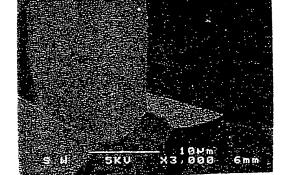
5mm



3 mm



WELDED PART

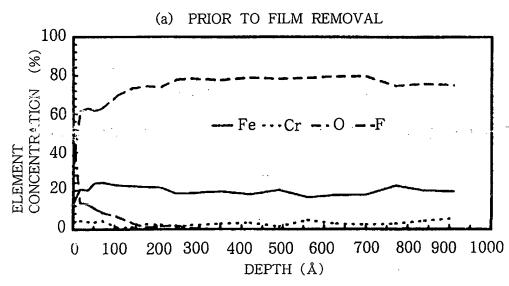


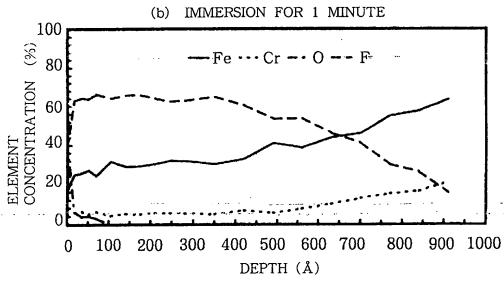
3mm

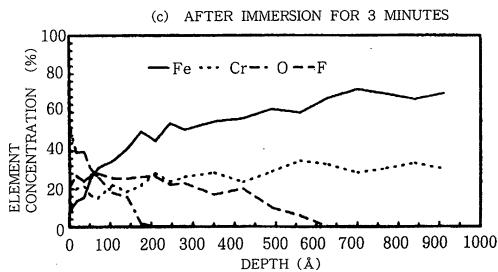
5mm UPSTREAM

[BACK SHIELD GAS : 5% H₂/Ar]

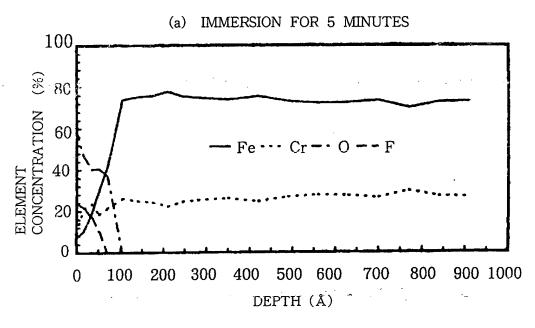
REMOVAL OF FLUORIDE PASSIVATED FILM USING HOT WATER (80℃)







REMOVAL OF FLUORIDE PASSIVATED FILM USING HOT WATER (80℃)



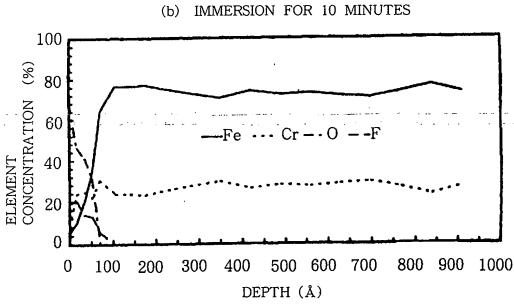
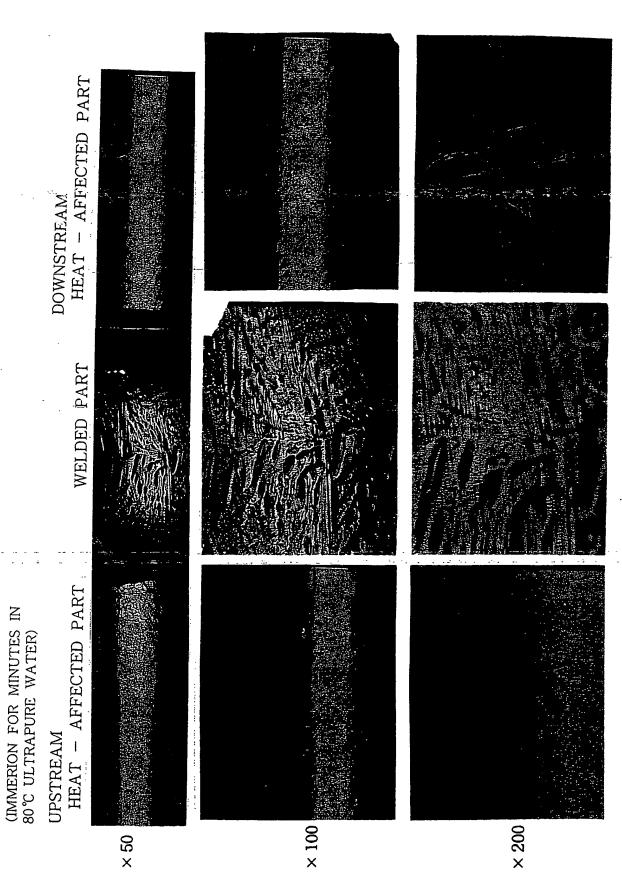
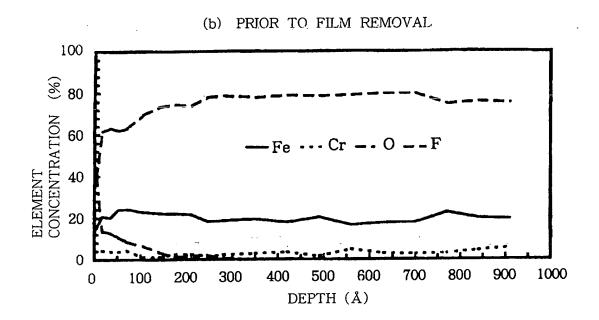


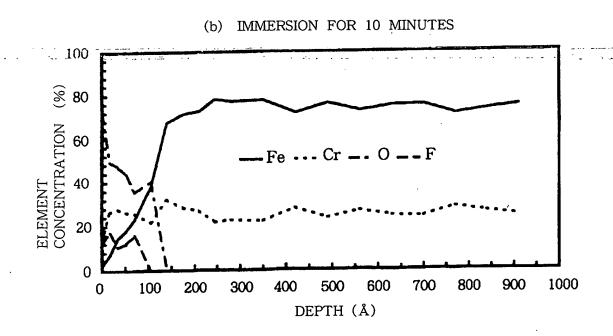
Fig. 8



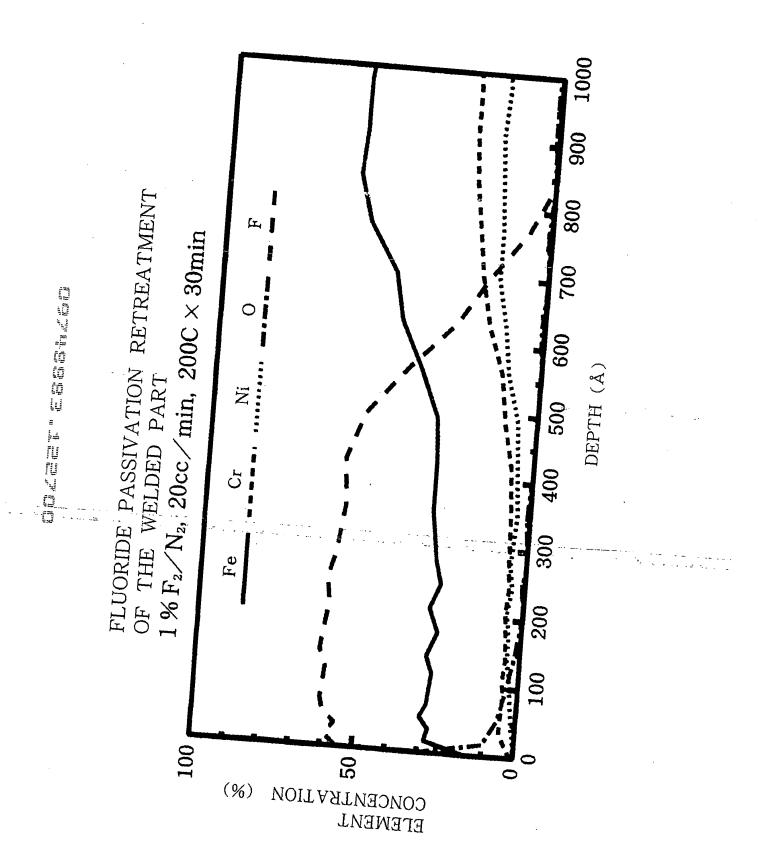
Here have not the state of the

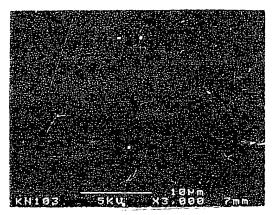
REMOVAL OF PASSIVATED FILM USIMG A MIXED AQUEOUS SOLUTION OF 0.5% HYDROFLUORIC ACID AND 10% HYDROGEN PEROXIDE



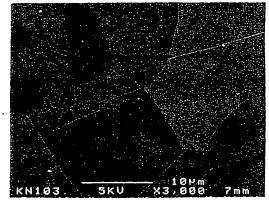


(1) (1) (2) (2) (2) (3) (4) (4) (4) (4) (4) (5) (5) (4) (4)

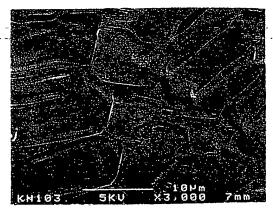




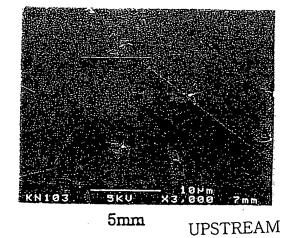
5mm



3mm

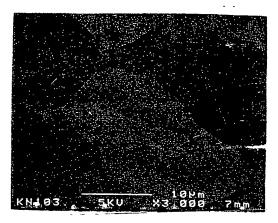


WELDED PART

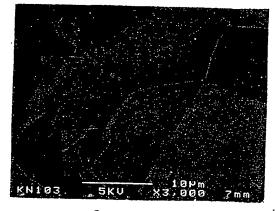


3mm

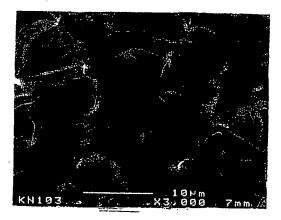
[BACK SHIELD GAS : 0.1 % H₂/A_r]



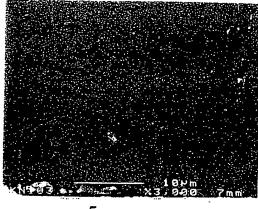
5 mm



3mm



WELDED PART



3mm

5mm UPSTREAM

[BACK SHIELD GAS : $0.5 \% \, H_2 / A_r$]